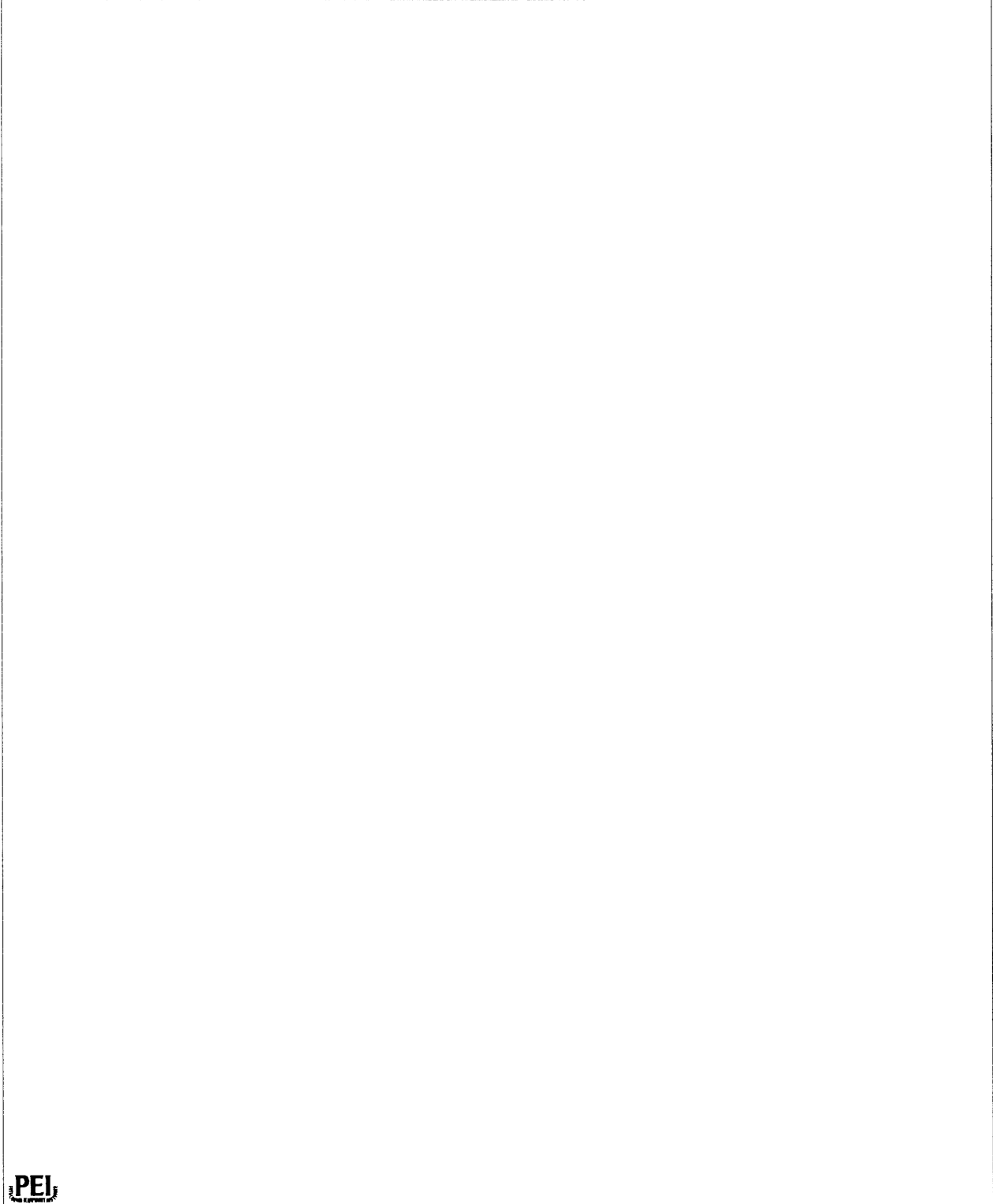




MDE-2536

**Installation
Instructions**

**Strainer and Cap Kit
K35369**



FCC WARNING

This equipment generates, uses, and can radiate radio frequency energy. Equipment not installed according to manufacturer's instructions may interfere with radio communications. This equipment has been tested and complies with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules. These rules provide reasonable protection against such interference in a commercial environment. However, the operation of this equipment in a residential area is likely to cause radio interference. The user is required to correct this interference at his/her own expense.

COMPUTER PROGRAMS

All Gilbarco computer programs (including software on diskettes and within memory chips) are copyrighted by, and shall remain the property of, Gilbarco Inc. Such computer programs may also contain trade secret information. The duplication, disclosure, modification, or unauthorized use of computer programs is strictly prohibited, unless otherwise licensed by Gilbarco.

This document is subject to change without notice.

© 1990 Gilbarco Inc.
All Rights Reserved

Signal Words and Safety Symbols



This is a standard alert symbol. When you see this symbol, along with the following signal words in Gilbarco manuals, be alert to the potential for personal injury.

	<p>DANGER</p> <p>The hazard or unsafe practice will result in severe injury or death.</p>
--	---

	<p>WARNING</p> <p>The hazard or unsafe practice could result in severe injury or death.</p>
--	---

	<p>CAUTION</p> <p>The hazard or unsafe practice could result in minor injury.</p>
--	---

	<p>WARNING</p> <p>You are working in a dangerous environment. Fuels are highly flammable and explosive. Observe all safety precautions. Failure to do so could result in injury or DEATH.</p>
--	--

<p>Wear eye protection.</p>	<p>Use emergency power cutoff.</p>	<p>No people in area.</p>	<p>Clean up spills.</p>	<p>No smoking.</p>
<p>No open flames.</p>	<p>Collect fuel in approved containers.</p>	<p>No power tools.</p>	<p>No vehicles in area.</p>	<p>Use safety barricades.</p>
<p>Explosive</p>	<p>Electricity</p>	<p>Flammable</p>		
	<p>Read instructions for this and all related equipment. Do not allow untrained or unauthorized persons to service equipment. Call a Gilbarco Authorized Service Contractor if you need help.</p>			

EMERGENCY POWER CUTOFF



Install an "Emergency Power Cutoff"; a single control that removes AC power from all site fueling equipment and submerged turbine pumps (STPs). Make the control accessible, label it clearly, and follow local codes when installing.



WARNING

Do not use E-STOP, ALL-STOP, or PUMP-STOP keys on Gilbarco consoles/cash registers to shut off power. These keys do not remove AC power and do not always stop product flow.

EMERGENCY POWER CUTOFF

Locate and know how to shut off all power using the "Emergency Power Cutoff" (a single control that simultaneously removes AC power from all site dispensing equipment and STPs). This control is an additional safety feature and is not a substitute for NEC/NFPA30A circuit breaker requirements.

Introduction

This manual provides information for installing the Cap and Strainer Kit (K35369) in some models of pumps and dispensers. Kit K35369 can be used in place of a spin-on filter. Filtration is provided with an 80-mesh strainer. Refer to *Figure 1* while using this document.

Tools Required

Adjustable Crescent Wrench or Socket Set
Filter Wrench

Parts List

R18896-G1 Filter Cap Assembly
R18897 80-Mesh Strainer

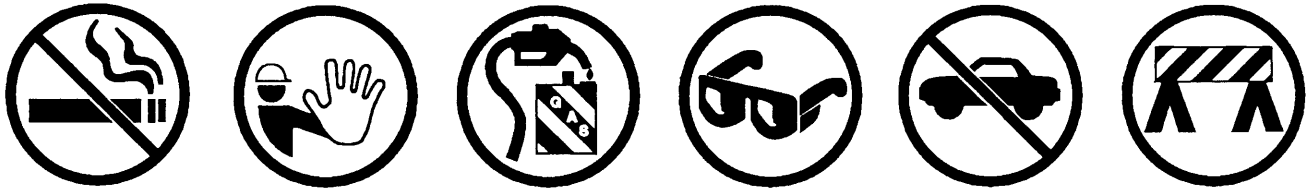
Filter/Strainer Service

For efficient operation and long life of pumps and dispensers, replace fuel filters and clean or replace strainers regularly. For new installation after 50,000 gallons, or one month, and every 300,000 gallons or six months thereafter. A noticeable slower flow rate indicates a dirty filter or clogged strainer.

Note: Slower flow rates result with water alert filters if water is in the tank.



Changing filters without following safety precautions could result in fire, explosion, personal injury, or DEATH.



Dispose of flammable fluids properly. Use approved containers for handling such fluids.

Before Removing Filter

1. Close shear valve (dispensers only).
2. For dispensers, lift operating handle. Place nozzle in an approved container. Open nozzle to reduce system pressure. If flow continues, check operation of shear valve. Repair or replace as necessary before changing filter.
3. Close nozzle. Turn operating handle OFF.
4. Turn OFF STP circuit breakers (dispensers only).
5. Turn OFF pump or dispenser unit circuit breaker.

CAUTION

Residual pressure and entrapped fuel may still be present. Clean up spills promptly.

Installation Instructions

To Remove Filter

1. With a suitable drain pan in position, turn filter slowly counterclockwise and remove.
2. Some units may already contain a strainer in the filter flange. To remove and discard strainer, gently pull on tabs with pliers.

To Install Kit K35369

1. Insert strainer inside filter casting. See illustration below.
2. Coat gasket on new cap with a thin oil film.
3. Attach cap and turn clockwise. Tighten snugly by hand or with crescent wrench. Do not over tighten. Over tightening may damage gasket.

To Put Unit Back In Service

1. Open shear valve and restore power at circuit breakers.
2. Purge air and inspect for leaks.

Figure 1: Strainer Service for Pumps / Dispensers

